ENGR 310

Lecture 2
18 JAN 2008
Recitation Preference

Please fill out the online survey by **Wednesday, Jan. 23** to indicate your recitation preference.

[www.coe.montana.edu/engr310](http://www.coe.montana.edu/engr310)

Recitation Sections will be assigned on **Friday, Jan. 25**.
Design Challenge

Objective: Build a bridge that will hold a roll of 50 pennies, at or above the plane of the desks, with maximum possible span.

Materials: Paper (20 sheets max.)
One 400” roll of tape

Constraints: Roll of pennies must be positioned between support points.
Bridge will span two desk chairs.
Design Challenge, cont.

Evaluation:

Performance will be measured by inches of span between two closest support points.

Bridge failure occurs when deflection drops below plane of desks, as determined by the judge.
Homework

Write a reflective essay

In your journal

About what worked well, and

what you would do differently next time.